

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Bahar Reghabi et al.  
Title: IMPLANTABLE MULTI-  
PARAMETER SENSING  
SYSTEM AND METHOD  
Appl. No.: 10/669,426  
Filing Date: 9/23/2003  
Examiner: Amanda K. Patton  
Art Unit: 3762  
Confirmation Number: 4240

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated April 23, 2009, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 16 of this document.

Please amend the application as follows: